Case Docket No. ALPINE.039AUS

Date: December 12, 2003

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## ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

ATTENTION: APPLICATION BRANCH

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Chihlung Lin

For: DATA REPRESENTATION AND RETRIEVAL METHOD AND APPARATUS FOR HIGH SPEED

DATA SEARCH AND RETRIEVAL

- (X) 8 sheet(s) of drawings.
- (X) 25 pages of specification, claims and abstract.
- (X) UNSIGNED declaration and power of attorney.
- (X) Return prepaid postcard.

CLAIMS AS FILED				
FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$770	\$770
Total Claims	20 - 20 =	0 ×	\$18	\$0
Independent Claims	2 - 3 =	1 ×	\$86	\$0
If application contains any multiple dependent claims(s), then add \$290				\$0
		TOTAL FILIN	ī <b>G</b>	\$770

(X) A check in the amount of \$770 to cover the filing fee is enclosed.

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December 12, 2003

Assistant Commissioner for Patents Washington, D.C. 20231

## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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Attorney Docket No.

ALPINE.039AUS

Applicant(s)

Chihlung Lin

For

DATA REPRESENTATION AND

RETRIEVAL METHOD AND APPARATUS FOR HIGH SPEED DATA SEARCH AND

**RETRIEVAL** 

**Attorney** 

Yasuo Muramatsu

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December 12, 2003

I hereby certify that the accompanying

Transmittal; a patent application in 25 pages of specification and 8 sheets of drawings; a check of \$770 for filing fee; unsigned declaration and power of attorney: Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Jas Muranatsu

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